

ABSTRACT OF THE DISCLOSURE

5 This invention is directed to a method of preserving colloid-stabilized polymer emulsions against microbial attack and spoilage using selected cationic compounds. It is also directed to compositions containing colloid-stabilized polymer emulsions and cationic compounds that are resistant to contamination with biodeteriogenic microbes. It has been discovered that specific cationic compounds are particularly effective against
10 biodeteriogenic microbes in preserving polymer emulsions that have been stabilized with protective colloids, such as poly(vinyl alcohol). Examples of suitable microbicidal cationic compounds are: substituted pyridinium salts, substituted guanidine salts, tetrasubstituted ammonium salts, and polymeric cationic compounds.